



National Weather Service

Storm Data and Unusual Weather Phenomena



August 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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IOWA, Northeast

Clayton County

3 N Elkader	03	1823CST			0	0	50K	20K	Hail (1.75)
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Hail the size of golfballs heavily damaged two new pickup trucks and also damaged some crops.

Floyd County

5 SW Charles City to 5 S Charles City	23	1950CST 2000CST	5	150	0	0	400K	50K	Tornado (F1)
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Floyd County

Charles City	23	1956CST			0	0	25K		Thunderstorm Wind (G55)
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Winneshiek County

12 NE Decorah	23	2047CST			0	0		60K	Hail (0.75)
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Clayton County

Elkader	23	2150CST			0	0		40K	Hail (1.75)
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A tornado damaged seven farms, destroying numerous grain bins and outbuildings. Eight cattle were also killed by downed power lines. Hail the size of golf balls was reported by storm spotters.

MINNESOTA, Southeast

Winona County

5 S Winona	03	1613CST			0	0		30K	Hail (1.75)
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Winona County

Winona	03	1615CST			0	0	20K		Hail (1.00)
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Fillmore County

Lenora	03	1640CST			0	0	10K		Thunderstorm Wind (G52)
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Houston County

Freeburg	03	1715CST			0	0	20K	100K	Hail (1.75)
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Widely scattered severe thunderstorms produced hail the size of golfballs, which damaged a car as well as some crops

Wabasha County

1 N Wabasha	15	1945CST			0	0	12K		Thunderstorm Wind (G52)
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Wabasha County

1 S Conception	15	2011CST			0	0			Thunderstorm Wind (G52)
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Storm spotters and law enforcement officials reported wind gusts to 60 mph.

Fillmore County

5 N Harmony	23	1730CST			0	0		12K	Hail (0.88)
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Fillmore County

3 W Spring Valley	23	1737CST			0	0		15K	Hail (0.88)
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Winona County

Goodview	23	1830CST			0	0	40K		Thunderstorm Wind (G55)
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Winona County

Winona	23	1835CST			0	0	25K		Hail (0.75)
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Winona County

Winona	23	1836CST			0	0	30K		Hail (1.00)
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Winona County

Winona	23	1930CST			0	0	30K		Hail (1.75)
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Winona County

Winona	23	2000CST			0	0	15K		Thunderstorm Wind (G55)
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MINNESOTA, Southeast

Houston County

3 NW Caledonia to 2.5 NW Caledonia	23	2006CST 2010CST	0.5	80	0	0	80K	25K	Tornado (F0)
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Houston County Caledonia

23	2015CST			0	0	15K		Thunderstorm Wind (G52)
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Dime to golf ball size hail was reported by storm spotters, while a brief tornado touchdown heavily damaged a farm house. 2 x 4 boards were blown through a bedroom wall and glass debris was strewn throughout the house.

Winona County

Winona	23	1945CST 2145CST			0	0	40K		Flash Flood
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Mudslides caused vehicles to spin out and water was up to the headlights of cars when nearly 4 inches of rain fell in two hours.

WISCONSIN, Southwest

Vernon County

Coon Valley	03	1642CST			0	0	18K	35K	Hail (1.75)
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Vernon County

Viroqua	03	1705CST			0	0	40K		Hail (1.75)
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Grant County

Potosi	03	1912CST			0	0		50K	Hail (1.75)
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Storm spotters reported hail the size of golfballs, which damaged a few cars and area crops.

Buffalo County

5 N Fountain City	15	2035CST			0	0	8K		Thunderstorm Wind (G52)
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Trempealeau County

Centerville	15	2045CST			0	0	6.5K		Thunderstorm Wind (G52)
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Winds gusted to 60 mph, blowing down several large trees and temporarily halting a stock car race.

La Crosse County

Onalaska	23	1829CST			0	0	18K		Thunderstorm Wind (G52)
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Buffalo County

Waumandee	23	1840CST			0	0		25K	Hail (1.50)
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La Crosse County

1 N La Crosse	23	1848CST			0	0			Hail (0.75)
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La Crosse County

La Crosse	23	1855CST			0	0	30K		Hail (0.75)
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Buffalo County

Fountain City	23	1900CST			0	0	25K		Hail (0.75)
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Storm spotters reported dime to golf ball size hail and winds gusting to 60 mph as scattered severe thunderstorms hit the area.

Buffalo County

Fountain City	23	1945CST 2150CST			0	0	35K		Flash Flood
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La Crosse County

La Crosse	23	1945CST 2150CST			0	0	50K		Flash Flood
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3 to 4 inches of rain in two hours caused flooding of basements and streets with rock and mudslides occurring as well.